Contents

Arnaudon, D.: Composition of Kinetic Momenta: The $\mathscr{U}_q(sl(2))$ Case 175

Avron, J. E., Seiler, R., Simon, B.: Charge Deficiency, Charge Transport and Comparison of Dimensions 399

Bricmont, J., Kupiainen, A.: Stability of Moving Fronts in the Ginzburg–Landau Equation 287

Chari, V., Pressley, A.: Representations of Quantum $so(8)$ and Related Quantum Algebras 29

Dita, P.: On the Parametrisation of Unitary Matrices by the Moduli of their Elements 581

Eremenko, A., Levin, G., Sodin, M.: On the Distribution of Zeros of a Ruelle Zeta-Function 433

Eswara Rao, S., Moody, R. V.: Vertex Representations for N-Toroidal Lie Algebras and a Generalization of the Virasoro Algebra 239

Etingof, P. I.: Representations of Affine Lie Algebras, Elliptic r-Matrix Systems, and Special Functions 471

Fabbri, M. A., Moody, R.V.: Irreducible Representations of Virasoro-Toroidal Lie Algebras 1

Falceto, F., Gawedzki, K.: Chern-Simons States at Genus One 549

Forger, M., Laartz, J., Schäper, U.: The Algebra of the Energy-Momentum Tensor and the Noether Currents in Classical Non-Linear Sigma Models 319

Freed, D. S.: Higher Algebraic Structures and Quantization 343

Gawedzki, K. → Falceto, F. 549

Getzler, E.: Batalin–Vilkovisky Algebras and Two-Dimensional Topological Field Theories 265

González-López, A., Kamran, N., Olver, P. J.: New Quasi-Exactly Solvable Hamiltonians in Two Dimensions 503

Grecchi, V., Maioli, M., Sacchetti, A.: Stark Ladders of Resonances: Wannier Ladders and Perturbation Theory 605

Hempel, R., Kirsch, W.: On the Integrated Density of States for Crystals with Randomly Distributed Impurities 459

Kamran, N. → González-López, A. 503

Kirsch, W. → Hempel, R. 459

Kishimoto, A., Nakamura, H.: Super-derivations 15

Kupiainen, A. → Bricmont, J. 287

Laartz, J. → Forger, M. 319

Levin, G. → Eremenko, A. 433

Longo, R.: A Duality for Hopf Algebras and for Subfactors. I 133

Maioli, M. → Grecchi, V. 605

McArthur, I. N.: Two-Reduction of the Super-KP Hierarchy 121

Michel, J., Robert, R.: Large Deviations for Young Measures and Statistical Mechanics of Infinite Dimensional Dynamical Systems with Conservation Law 195

Moody, R.V. → Eswara Rao, S. 239

Moody, R.V. → Fabbri, M.A. 1

Nakamura, H. → Kishimoto, A 15

Olver, P. J. → González-López, A. 503

Pacard, F.: Solutions with High Dimensional Singular Set, to a Conformally Invariant Elliptic Equation in $\mathbb{R}^4$ and in $\mathbb{R}^6$ 423

Ponce, G., Racke, R., Sideris, T. C., Titi, E. S.: Global Stability of Large Solutions to the 3D Navier-Stokes Equations 329

Pressley, A. → Chari, V. 29

Racke, R. → Ponce, G. 329
Robert, R. → Michel, J. 195

Sacchetti, A. → Grecchi, V. 605
Schäper, U. → Forger, M. 319
Schmüdgen, K.: Integrable Operator Representations of $\mathbb{R}^2_q$, $X_{q,\gamma}$ and $SL_q(2,\mathbb{R})$ 217
Schwarz, G. → Śniatycki, J. 593
Seiler, R. → Avron, J. E. 399
Sideris, T. C. → Ponce, G. 329
Simon, B. → Avron, J. E. 399
Śniatycki, J., Schwarz, G.: The Existence and Uniqueness of Solutions of Yang-Mills Equations with Bag Boundary Conditions 593
Sodin, M. → Eremenko, A. 433
Stuart, D.: Dynamics of Abelian Higgs Vortices in the Near Bogomolny Regime 51

Titi, E. S. → Ponce, G. 329
Tong, Y. L. L., Tsai, I.-H.: An Identification of the Connections of Quillen and Beilinson–Schechtman 443
Tracy, C. A., Widom, H.: Level-Spacing Distributions and the Airy Kernel 151
Tsai, I.-H. → Tong, Y. L. L. 443

Widom, H. → Tracy, C. A. 151

Xia, J.: On the Spectra of Schrödinger Operators 619

Zakharevich, I.: The Second Gelfand–Dickey Bracket as a Bracket on a Poisson–Lie Grassmannian 93
Zelenov, E. I.: On Geometrical Interpretation of the p-Adic Maslov Index 539

Indexed in *Current Contents*
Evaluated and abstracted for *PHYS* on *STN*